

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060778.D
 Acq On : 4 Apr 2024 14:51
 Operator : MA/JU
 Sample : P1952-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B-COMP

Quant Time: Apr 04 15:22:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

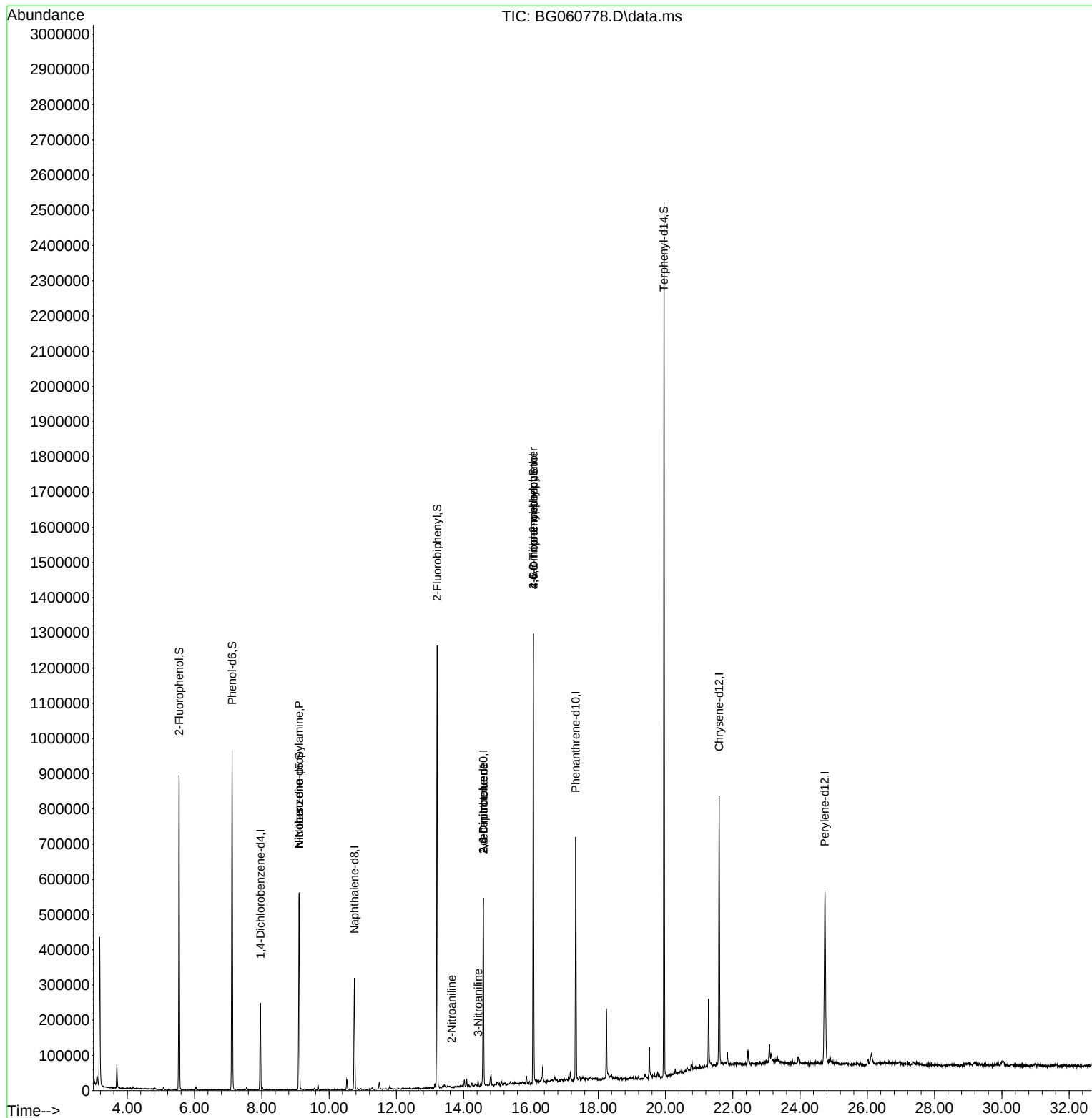
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	66245	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	257179	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	190140	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	456720	20.000	ng	0.00
76) Chrysene-d12	21.595	240	450393	20.000	ng	0.00
86) Perylene-d12	24.739	264	530257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	353762	88.962	ng	0.00
7) Phenol-d6	7.118	99	486767	82.465	ng	0.00
23) Nitrobenzene-d5	9.110	82	305624	67.810	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	245630	113.802	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	651997	50.326	ng	0.00
79) Terphenyl-d14	19.956	244	1276775	49.916	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	41653	9.253	ng	# 71
24) Nitrobenzene	9.110	77	1122	2.983	ng	# 39
48) 2-Nitroaniline	13.646	65	138	2.835	ng	# 11
51) 2,6-Dinitrotoluene	14.586	165	25488	12.277	ng	# 18
53) 3-Nitroaniline	14.433	138	132	2.893	ng	# 1
57) 2,4-Dinitrotoluene	14.586	165	25488	10.320	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.072	198	830	7.410	ng	# 1
67) 4-Bromophenyl-phenylether	16.072	248	16561	3.573	ng	# 1

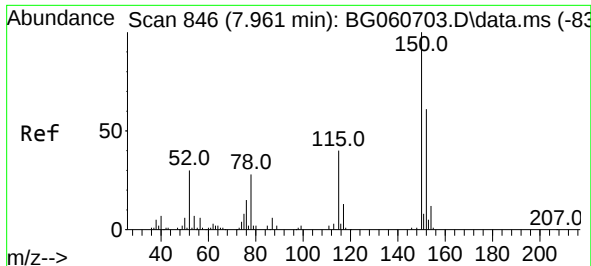
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
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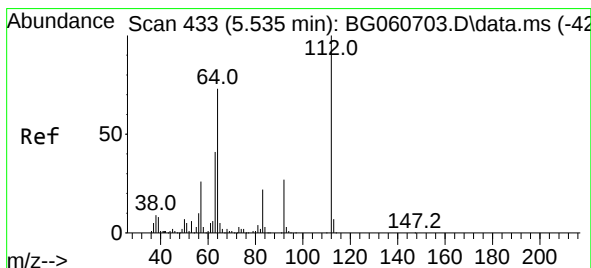
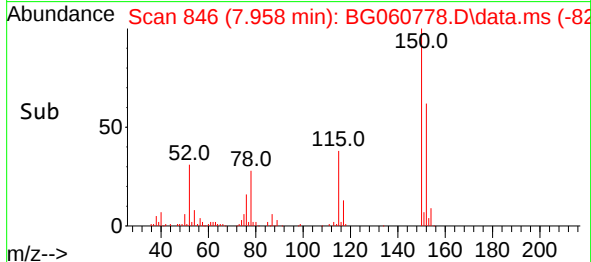
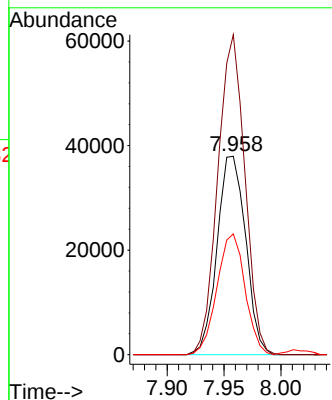
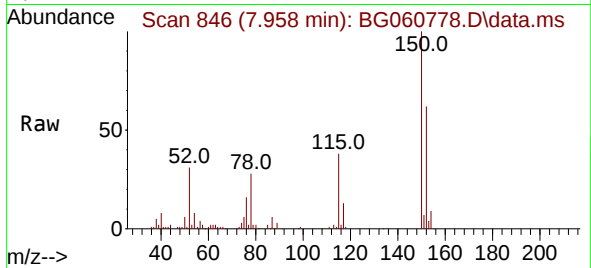




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

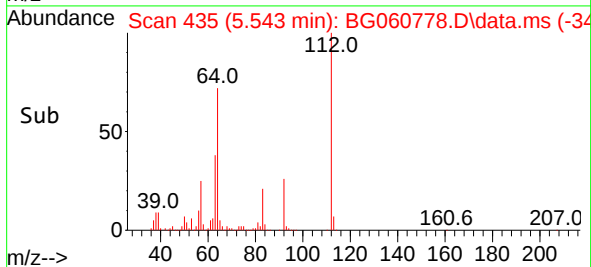
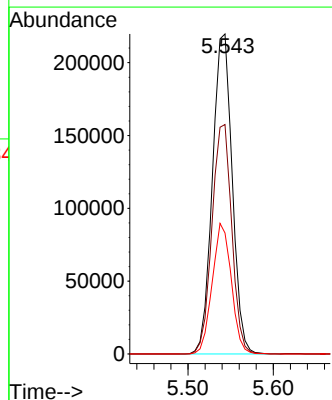
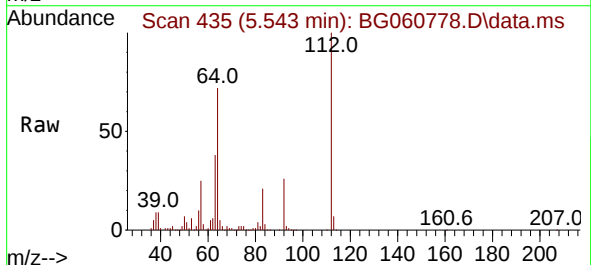
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

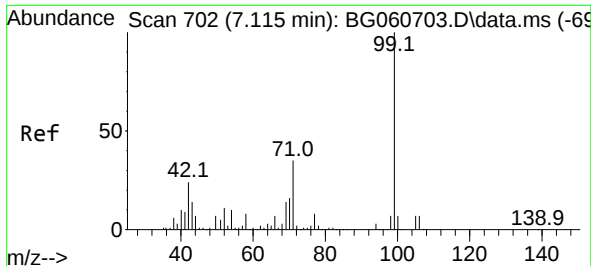
Tgt Ion:152 Resp: 66245
Ion Ratio Lower Upper
152 100
150 161.3 130.2 195.4
115 60.9 51.6 77.4



#5
2-Fluorophenol
Concen: 88.962 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:112 Resp: 353762
Ion Ratio Lower Upper
112 100
64 71.7 58.4 87.6
63 37.8 32.7 49.1

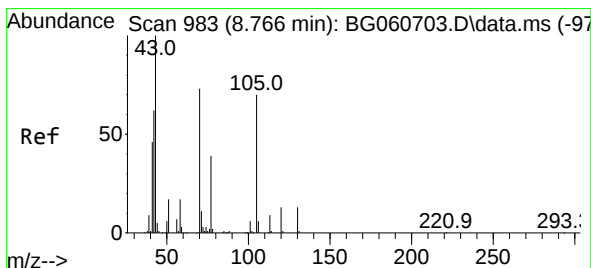
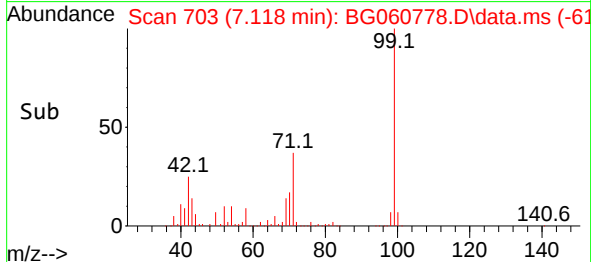
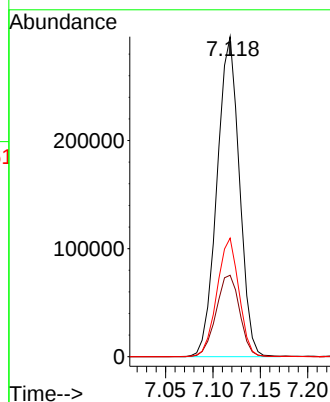
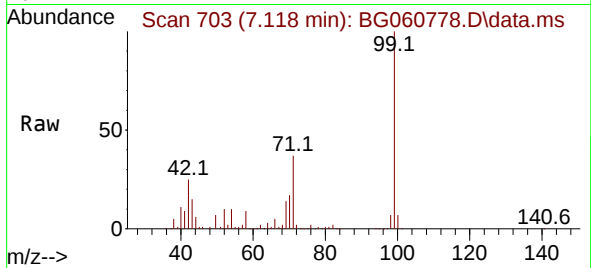




#7
Phenol-d6
Concen: 82.465 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

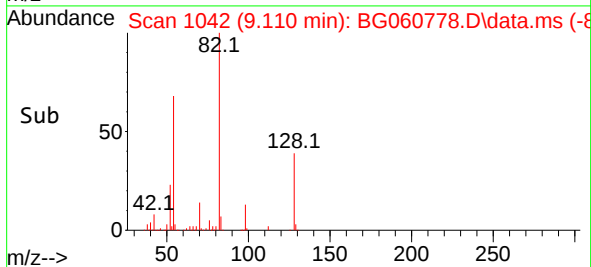
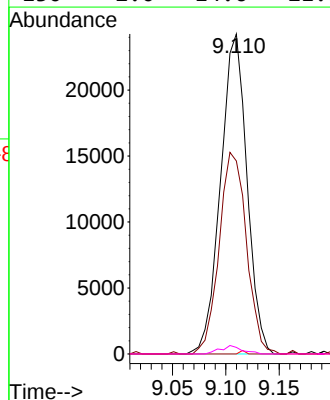
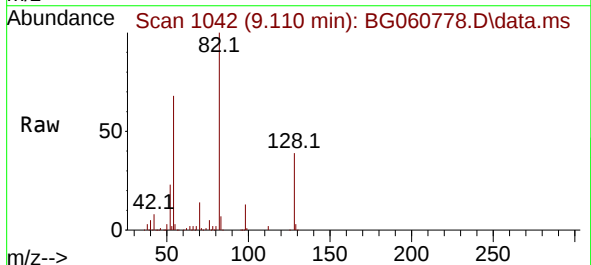
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

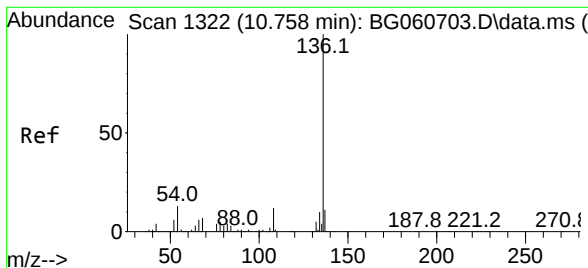
Tgt Ion: 99 Resp: 486767
Ion Ratio Lower Upper
99 100
42 25.4 19.4 29.2
71 37.0 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.253 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion: 70 Resp: 41653
Ion Ratio Lower Upper
70 100
42 60.3 68.4 102.6#
101 0.0 6.1 9.1#
130 2.0 14.6 21.8#



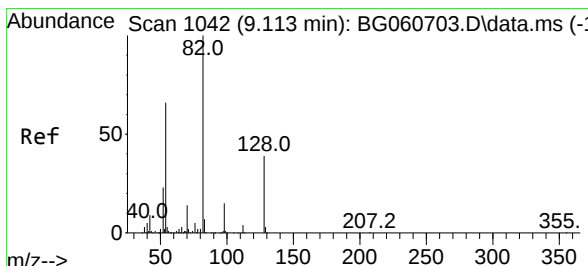
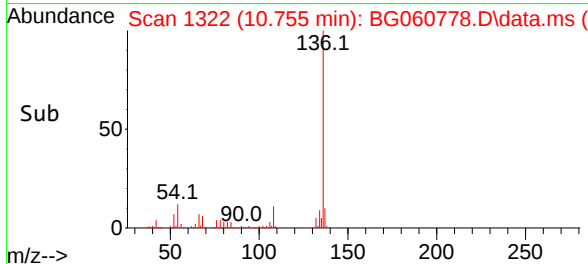
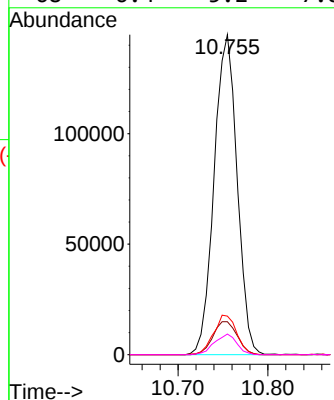
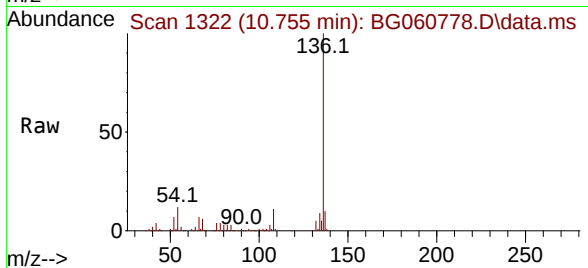


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Tgt Ion:136 Resp: 257179

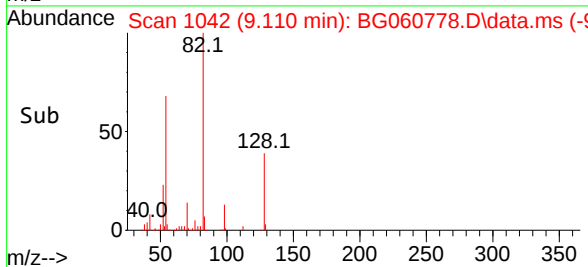
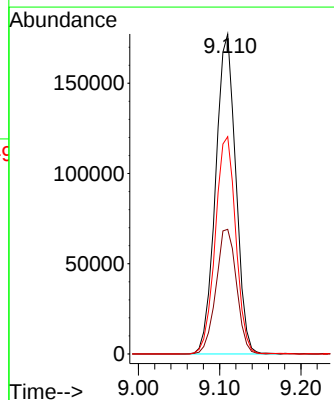
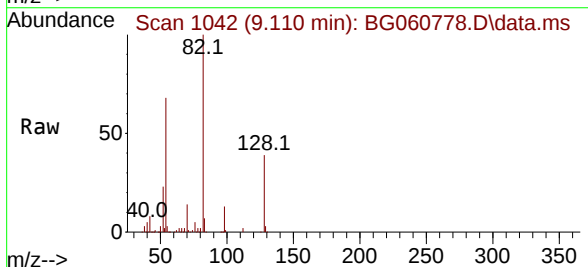
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	12.1	10.2	15.2
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 67.810 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion: 82 Resp: 305624

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.2	46.8
54	67.9	53.2	79.8

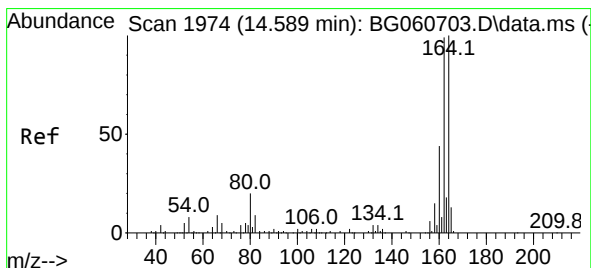
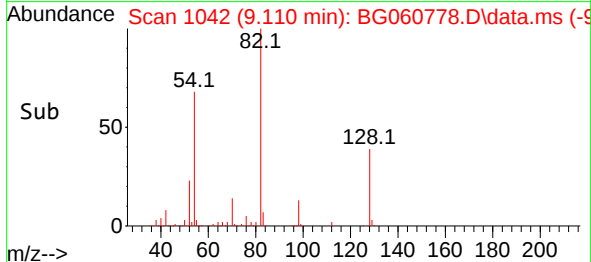
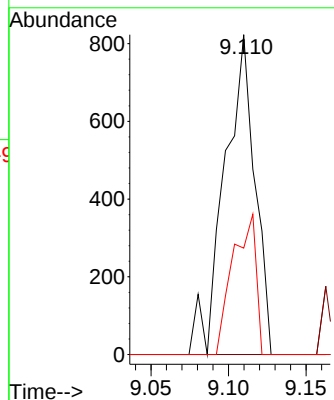
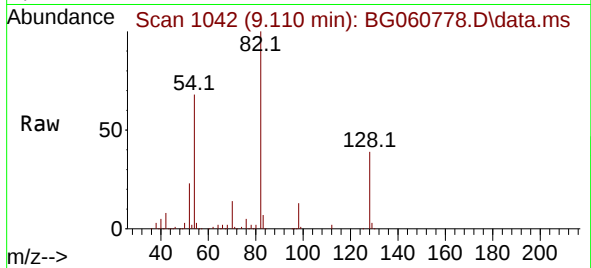




#24
Nitrobenzene
Concen: 2.983 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.044 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

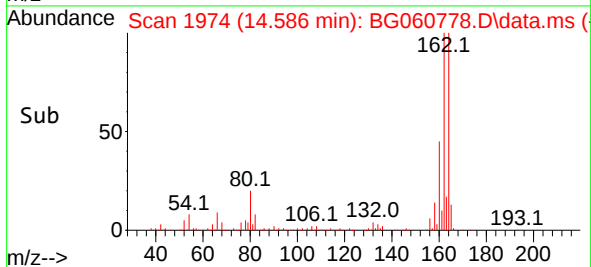
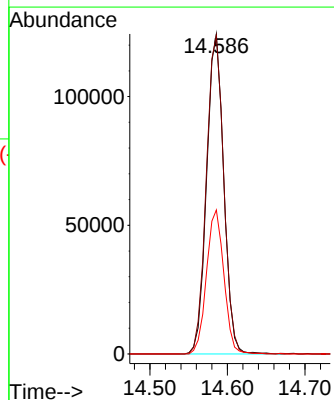
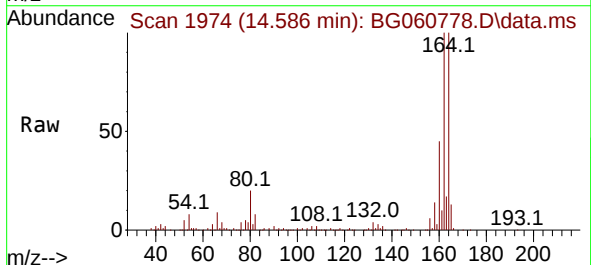
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

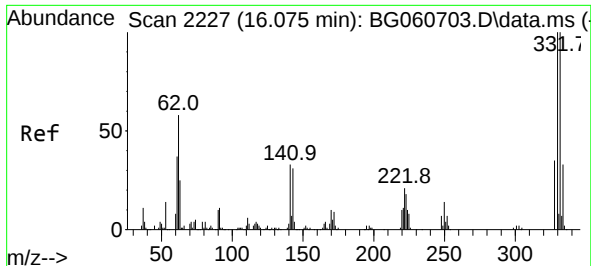
Tgt Ion: 77 Resp: 1122
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 33.3 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion: 164 Resp: 190140
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.0 35.4 53.0

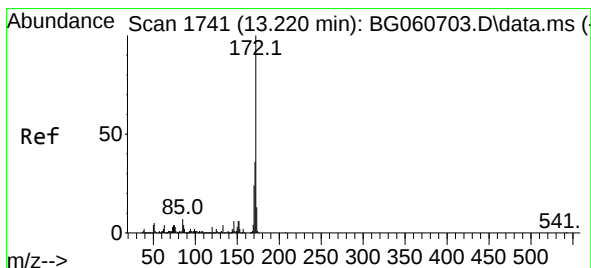
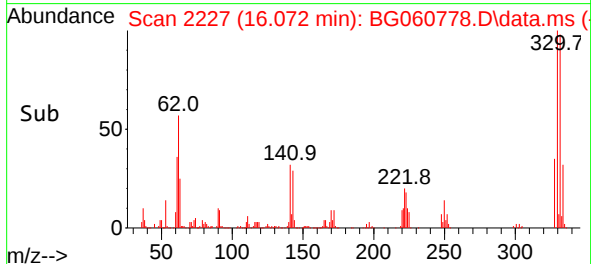
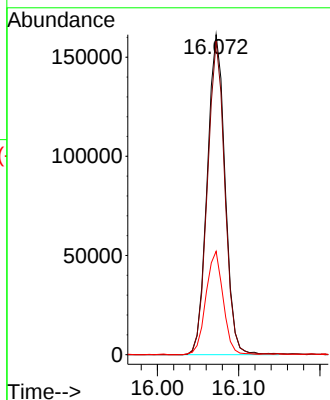
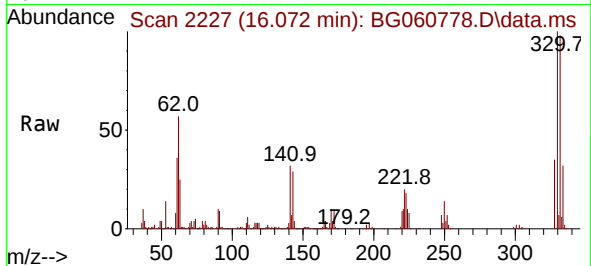




#42
2,4,6-Tribromophenol
Concen: 113.802 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

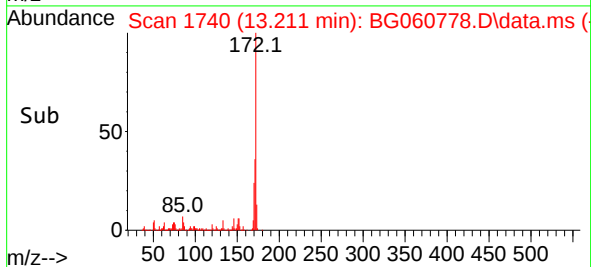
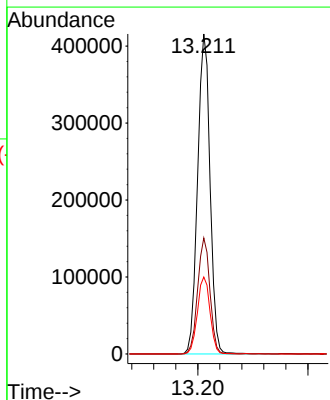
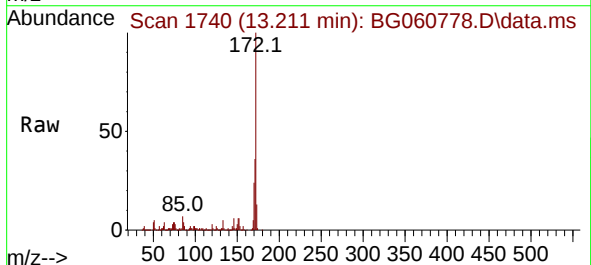
Instrument :
BNA_G
ClientSampleId :
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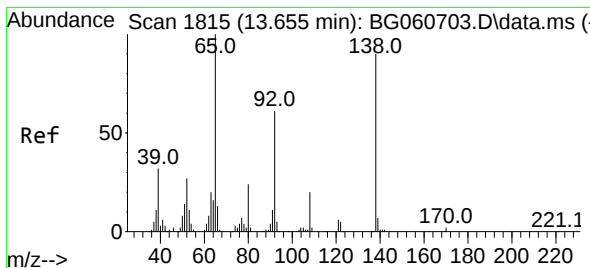
Tgt Ion:330 Resp: 245630
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 31.2 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 50.326 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:172 Resp: 651997
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.0 19.4 29.0

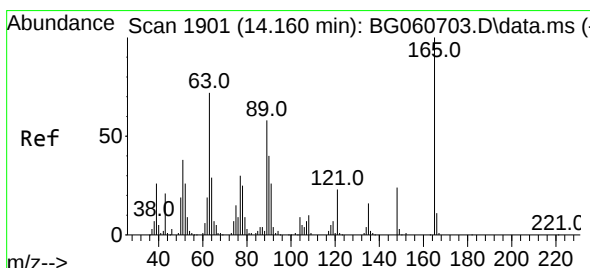
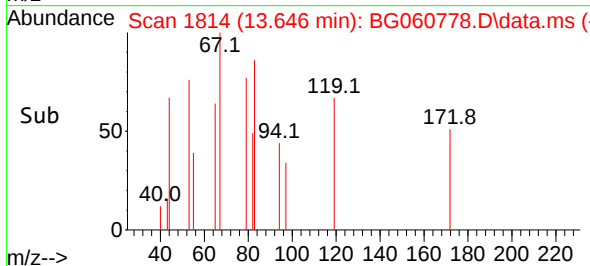
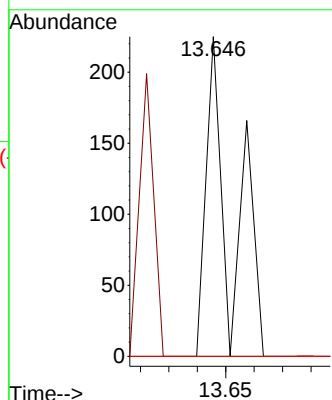
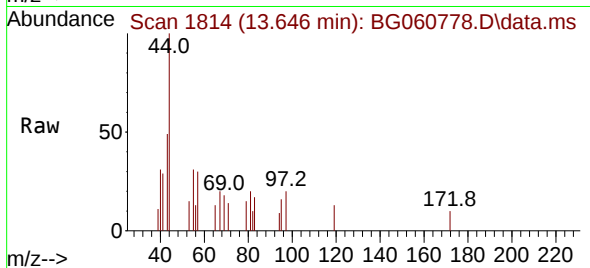




#48
2-Nitroaniline
Concen: 2.835 ng
RT: 13.646 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

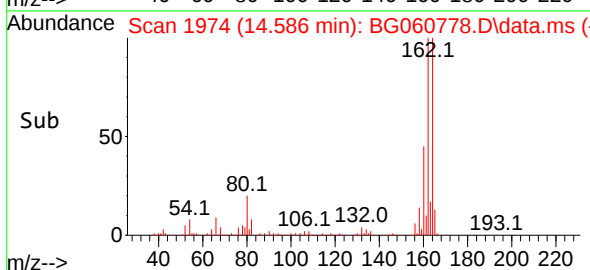
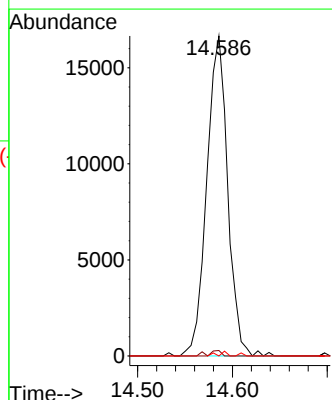
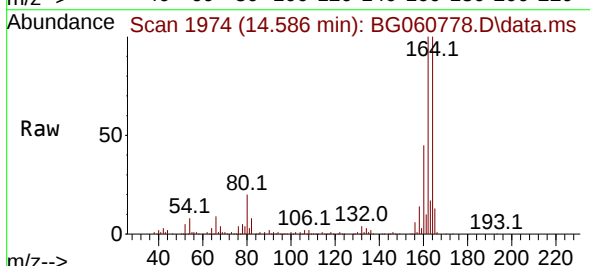
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

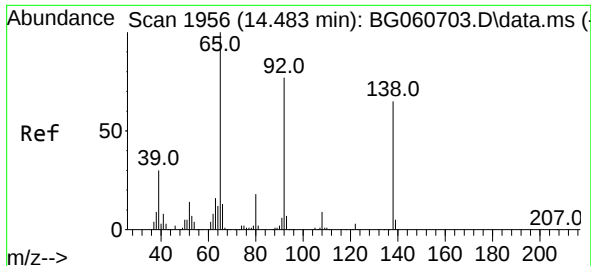
Tgt Ion: 65 Resp: 138
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.277 ng
RT: 14.586 min Scan# 1974
Delta R.T. 0.426 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion: 165 Resp: 25488
Ion Ratio Lower Upper
165 100
63 1.7 58.2 87.4#
89 0.0 46.1 69.1#

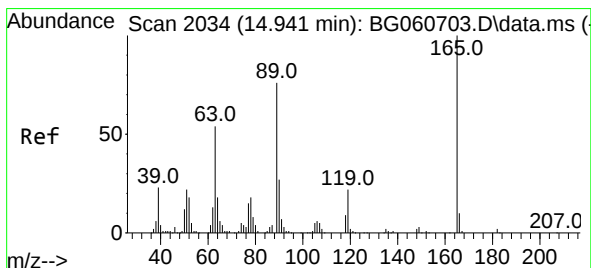
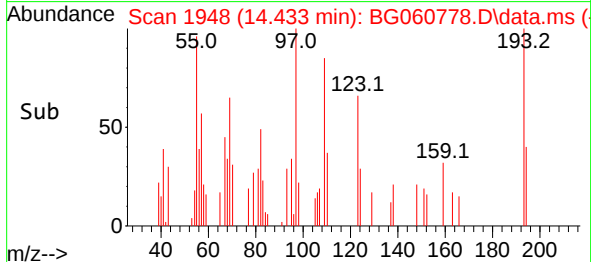
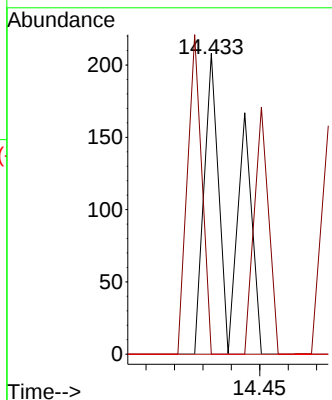
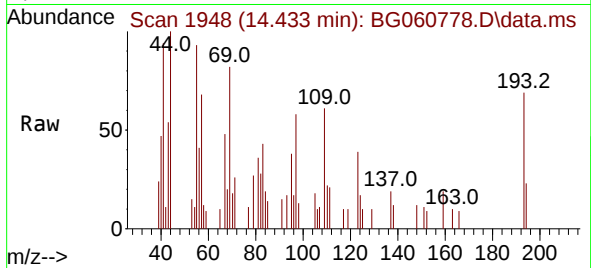




#53
3-Nitroaniline
Concen: 2.893 ng
RT: 14.433 min Scan# 1956
Delta R.T. -0.050 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

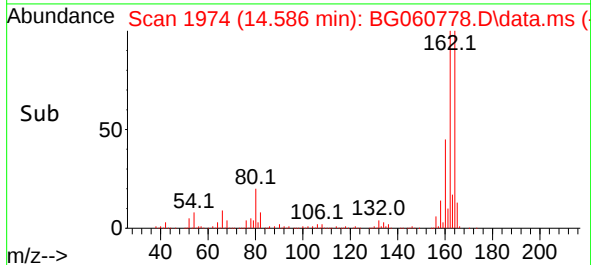
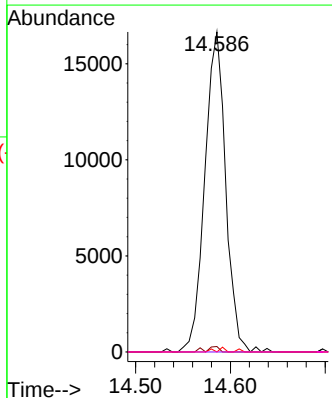
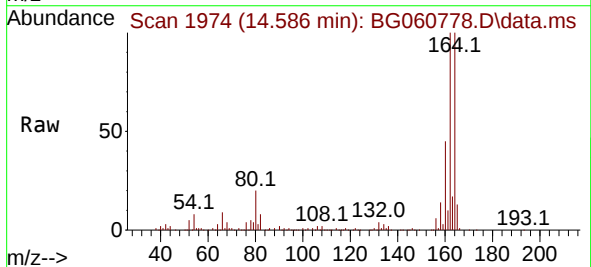
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

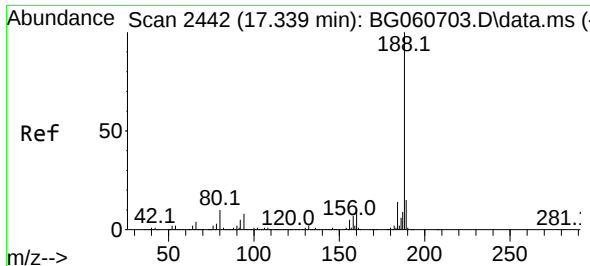
Tgt Ion:138 Resp: 132
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.320 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.355 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:165 Resp: 25488
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#

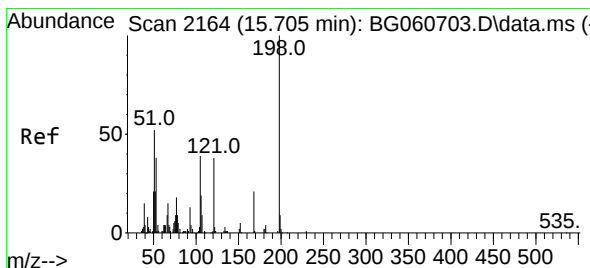
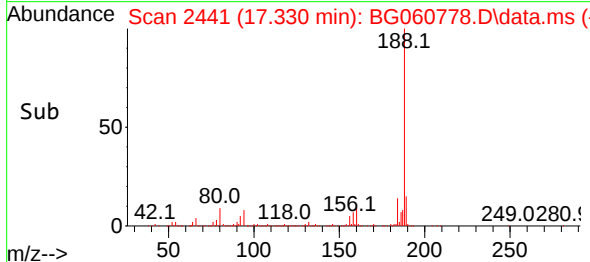
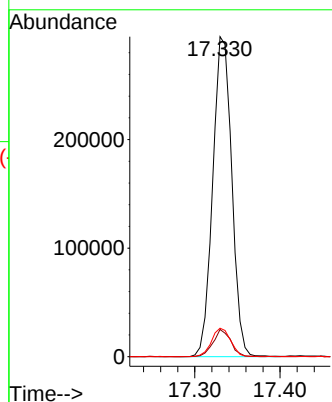
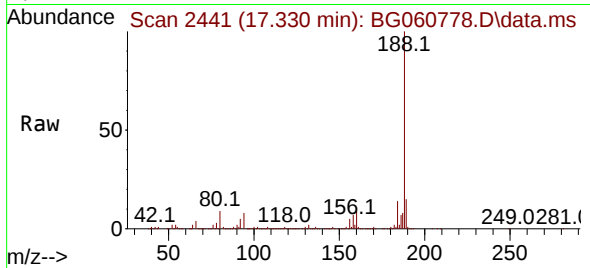




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

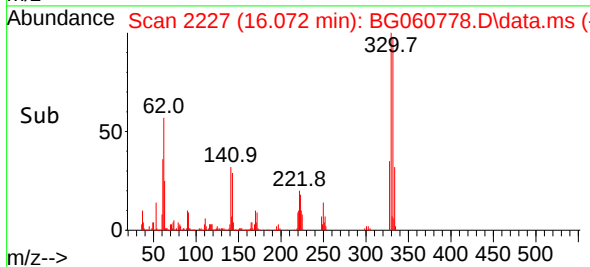
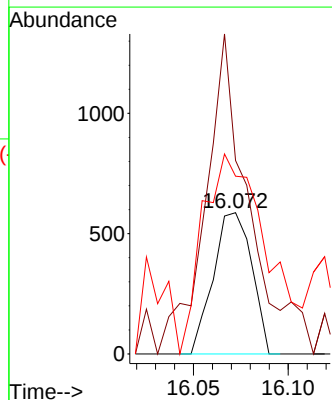
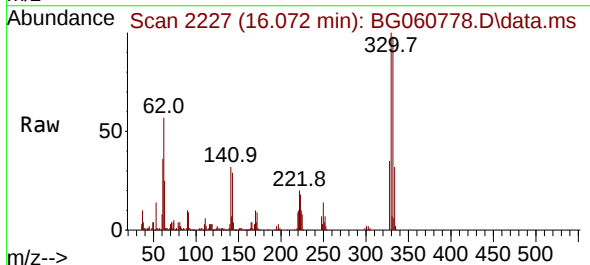
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

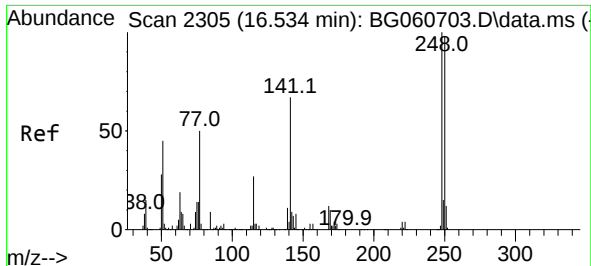
Tgt Ion:188 Resp: 456720
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 8.9 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.410 ng
RT: 16.072 min Scan# 2227
Delta R.T. 0.367 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:198 Resp: 830
Ion Ratio Lower Upper
198 100
51 137.0 36.7 76.7#
105 125.9 19.1 59.1#

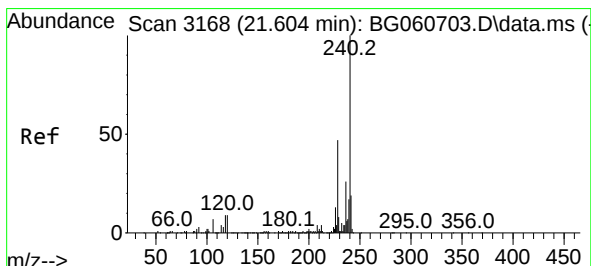
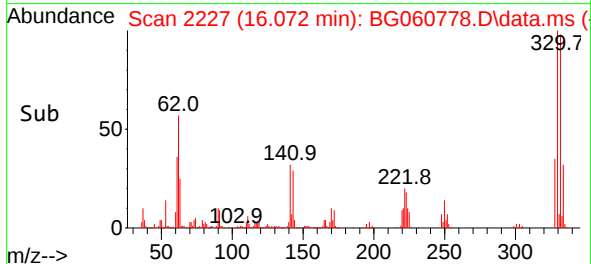
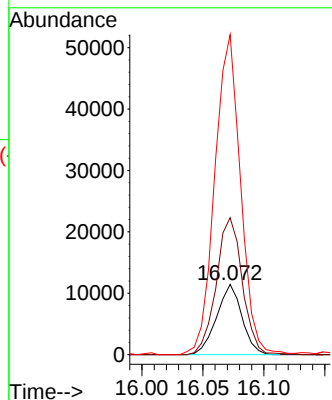
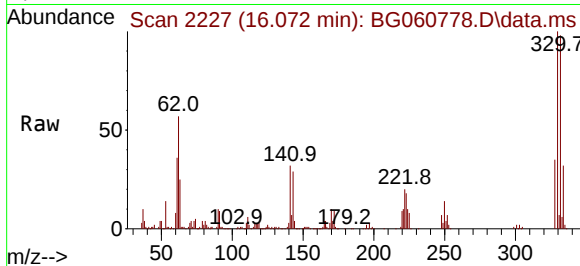




#67
4-Bromophenyl-phenylether
Concen: 3.573 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.462 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

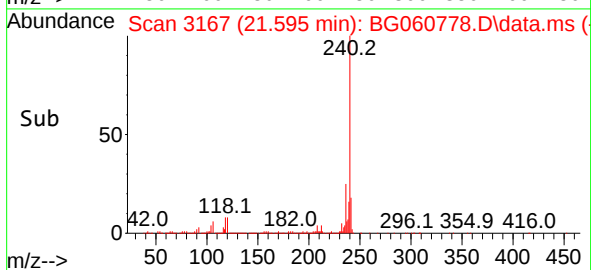
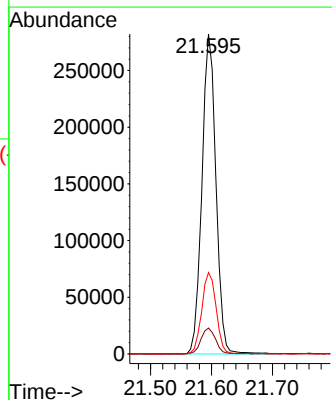
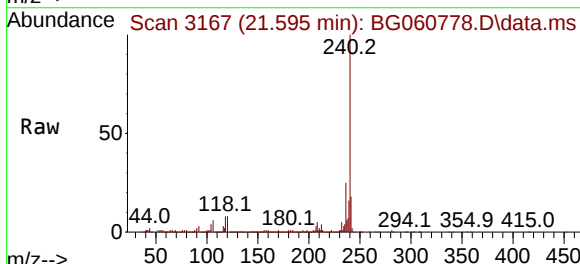
Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

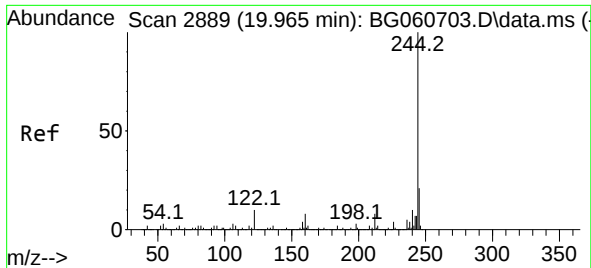
Tgt Ion:248 Resp: 16561
Ion Ratio Lower Upper
248 100
250 195.1 78.3 117.5#
141 455.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060778.D
Acq: 4 Apr 2024 14:51

Tgt Ion:240 Resp: 450393
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.4 20.7 31.1

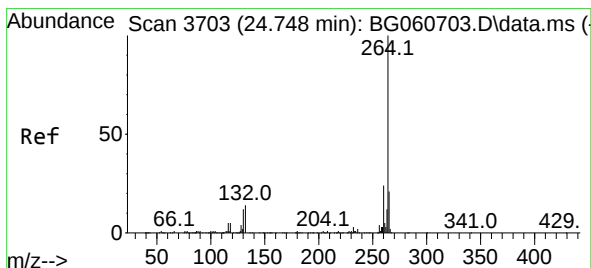
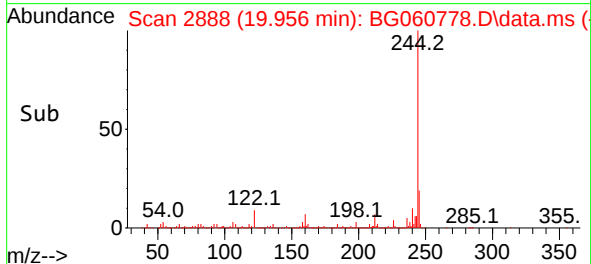
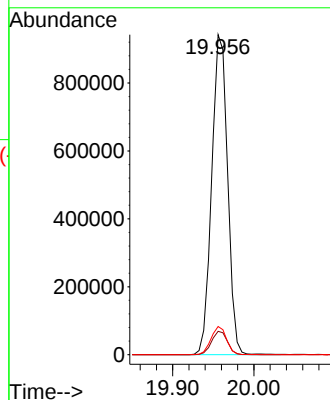
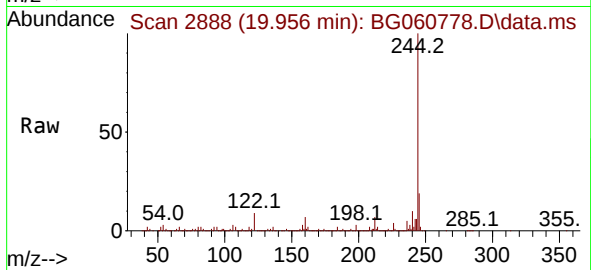




#79
 Terphenyl-d14
 Concen: 49.916 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060778.D
 Acq: 4 Apr 2024 14:51

Instrument :
 BNA_G
 ClientSampleId :
 WC-B-COMP

Tgt Ion:244 Resp: 1276775
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060778.D
 Acq: 4 Apr 2024 14:51

Tgt Ion:264 Resp: 530257
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.0 16.9 25.3

